				UTAH OIL A	ND GAS CO	NSERVATION	COMMISSIO	ON				
REMARKS:	WELL LOG	ELI	ECTRIC LOGS	ILE X	WATER SANDS	LOCA	TION INSPECT	E	\$U	B. REPORT/abd.	<u> </u>	
980	326	LAID	r eth 31	23/98	,							
_,,,			10	····					1			
DATE FILED	ОС	TOBER	23, 1995									
LAND: FEE & F	PATENTED	STATE	EASE NO.			PUBLIC LEASE NO				INDIAN #		
DRILLING APPI	ROVED: AP	RIL 1	, 1997		, 1. A		-		14-	20-603		
SPUDDED IN:												
COMPLETED:	31231	98 T#	PUT TO PRODU	CING:					111			
INITIAL PRODU	JCTION:											1
GRAVITY A.P.I.				\ .			****					
GOR:	4.1				·	· · · · · · · · · · · · · · · · · · ·	····					
PRODUCING Z	ONES:											
TOTAL DEPTH	l: -									A		
WELL ELEVATI	ON:						/					
DATE ABANDO	NED:	arch	23,1998	GAID								1 1 2 2
FIELD:	GR		ANETH		<u> </u>							<u> </u>
UNIT:												
COUNTY:	SA	IAUL N	1					· · · · · · · · · · · · · · · · · · ·				7
WELL NO.	RA	THERF	ORD 22-11			API	NO. 4	3-037-	31771			
LOCATION	250	FNL F	T. FROM (N) (S) LINE,	200 FW	L	FT. FROM (E) (W		W NW		1/4 - 1/4 SE	c. 22	
					100							
TWP.	RGE.	SEC.	OPERATOR			TWP.	RGE.	SEC.	OPERATOR			
415	24E	22	MOBIL E	E P								

Form 3160-3 (July 1992)

UNITED STATES DEPARTMENT OF THE INTE

BUREAU OF LAND MANAGEMENT

COMPTIN TEMPLICATES

FORM APPROVED OMB NO. 1004-0136 Expires: February 28, 1995

OCT 23 1995

LEASE DISIGNATION AND SERIAL NO.

				1 1		117 29 000 00	
	PLICATION FOR	PERMIT TO	O DRIL	LORE	PEEPEN	6. IF INDIAN ALLOTTEE O	
b. TYPE OF WELL	DRILL X	DEEPEN [FOIL, GAS&	7. UNIT AGREEMENT NAM RATHERFORD U	
OIL X WELL 2. NAME OF OPERATOR	GAS WELL OTHER H	ORIZONTAL oducing U.S. I		NE X	MULTIPLE ZONE	8. FARM OR LEASE NAME RATHERFORD	, WELL NO. 22-11
	as Agent for Mobil Pro	oducing TX & N	M Incx.			9. API WELL NO.	
3. ADDRESS AND TELEP						NA .	<u> </u>
	, Midland, TX 79702				5-688-2585 	10. FIELD AND POOL, OR V	
At surface	Report location clearly and in accor	dance with any State r	equirements.	*)			
250' FNL 200						11. SEC., T., R., M., OR BLI AND SURVEY OR AREA	
At proposed prod. zor BHL 2320' FS	L 2260 FEL SEC. 16					SEC. 22, T41S	, R24E
	AND DIRECTION FROM NEAREST TO F MONTEZUMA CREEK,					12. COUNTY OR PARISH SAN JUAN	13. STATE
15. DISTANCE FROM PRO LOCATION TO NEAR! PROPERTY OR LEASE (Also to nearest drig	EST ELINE, FT. 2000'EEI		16. NO. OF A	ACRES IN LEAS	E 17. NO. OF TO THIS	ACRES ASSIGNED WELL 40 ACRES	
 DISTANCE FROM PRO TO NEAREST WELL, OR APPLIED FOR, ON 	oposed location* drilling, completed, this lease, ft. 1120'S	SW OF 21-41	19. PROPOS TVD-5545	ED DEPTH 5' MD-9056		Y OR CABLE TOOLS ARY	
21. ELEVATIONS (Show GL: 4597'	whether DF,RT, GR, etc.)					22. APPROX. DATE WOR MARCH 1996	K WILL START*
23.		PROPOSED CASING	AND CEMI	ENTING PRO	GRAM		
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOO	ıτ	SETTING D	ЕРТН	QUANTITY OF CEM	IENT
17 1/2"	13 3/8"	48#	86	0,	110 SX		
12 1/4"	9 5/8"	36#	10	600'	690 SX		
8 3/4"	7"	23#	5	750'	750 SX	7	

SEE ATTACHED 8 POINT WELL CONTROL FOR ADDITIONAL DRILLING INFORMATION.
THIS PRODUCTION AREA HAS H2S; THEREFORE MONITORING AND SAFETY EQUIPMENT ARE REQUIRED.
SAFETY EQUIPMENT WILL BE RIGGED UP BY 3000'. FEDERAL REQUIREMENTS FOR EQUIPMENT ON THIS WELL ARE AS FOLLOWS:

8. MUD-GAS SEPARATOR

COMMUNICATION FROM WELLSITE

WELL ARE AS FOLLOWS:

1. FLARE LINE AND MEANS OF IGNITION
2. REMOTE CONTROLLED CHOKE
3. ESCAPE BREATHING APPARATUS FOR ALL CREW MEMBERS
4. H2S SENSORS AND ASSOCIATED AUDIBLE/VISUAL ALARMS(S)
5. AT LEAST ONE (1) PORTABLE H2S MONITOR
6. WIND DIRECTION INDICATORS
6. CALLED MEAN CONTROL OF A CALLED MEMBERS
6. ALLED MEMBERS MONITOR
6. WIND DIRECTION INDICATORS

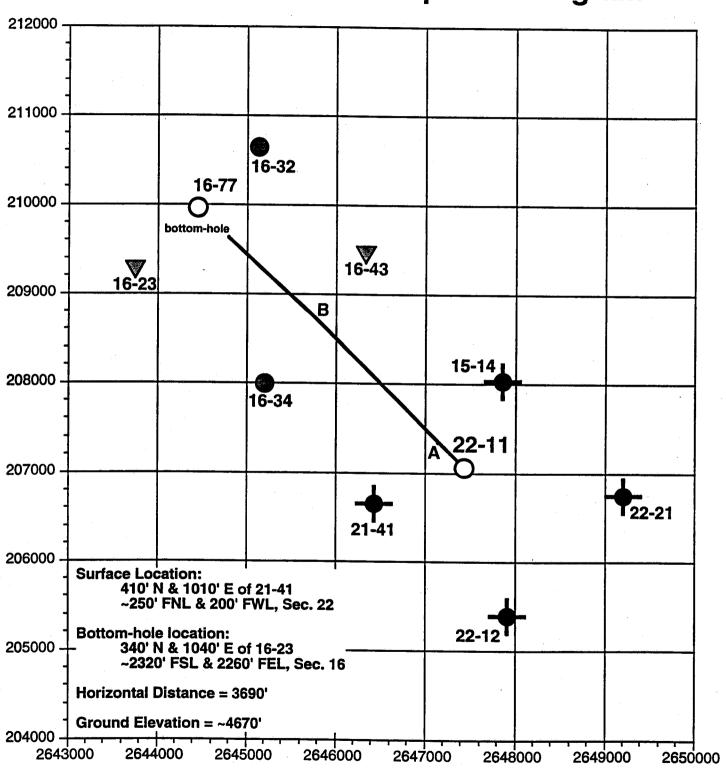
7. CAUTION/DANGER SIGN(S) AND FLAG(S)
APPROXIMATE H2S LEVELS FOR THE FOLLOWING ZONES:
ISMAY 80 PPM DESERT CREEK 60 PPM

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

	· · · · · · · · · · · · · · · · · · ·				
signed Shuley Robertson	ENV. & REG. TECHNICIAN	10-20-95			
(This space for Federal or State office use)					
PERMIT NO. 43-037- 31771	APPROVAL DATE				
Application approval does not warrant or certify that the applicant holds le CONDITIONS OF APPROVAL, IF ANY:	gal or equitable title to those rights in the subject lease which would entitle the appli	icant to conduct operations thereon.			
APPROVED BY The R. Baye	*See lessensione On Payores State	DATE 4-1-97			
	*See Instructions On Reverse Side				

on knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

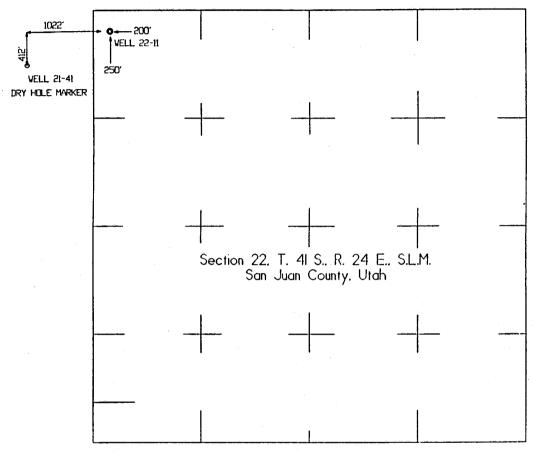
Ratherford Unit 22-11 New Medium-radius Producer 1996 Horizontal Development Program



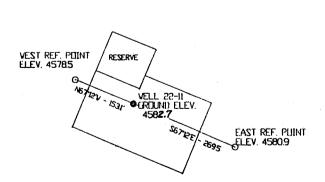
MOBIL DIL COMPANY WELL 22-11

RATHERFORD UNIT. SECTION 22 T.41S., R.24E., S.L.M., SAN JUAN COUNTY, UTAH JULY 14, 1995

> MOBIL OIL COMPANY Well 22-II Ratherford Unit. NW/4NW/4 Section 22



Scale: 1" - 1000'



Scale: 1" - 200'



State Plane Coordinates, Utah South Zone As derived from 1989 USGS Map "White Mesa Village Utah"

Northing - 206850 Easting-2647400

MANESS & Associates Inc.

1. DIRECTIONS & EXISTING ROADS

From the Montezuma Creek Post Office, go S 0.6 mi. on BIA Road N-5064. Then turn left and go SE 2.75 mi. on paved BIA Road N-35. Then turn left and go SE 0.85 mi. on the dirt White Mesa Road. Then turn left and go E 0.45 mi. on a field road. Then turn right and follow a flagged line SE 575' to the wellsite.

Roads will be maintained to a standard at least equal to their present condition. Existing roads need no upgrading.

2. ROAD TO BE BUILT OR UPGRADED

About 575' of new crowned and ditched road will be built. Running surface will be 15' wide. Maximum disturbed width will be 25' to allow for sand dunes to be pushed aside. Maximum grade will be 4%. Maximum cut or fill will be 3'. No culverts or cattleguards are needed.

3. EXISTING WELLS

There are 11 oil, 8 injection, and 8 P&A wells within a mile. All active wells are within the Ratherford Unit and are shown on an attached map. There are no gas or water wells.

4. PROPOSED PRODUCTION FACILITIES

The well initially will be an oil well. Later, the oil well may be converted to an injection well. A coated (internal and external) injection pipeline will be laid ≈2180' southwest via the P&A RU 21-41 pad to an existing injection line. All of the injection line will be in the unit and in the same corridor as a proposed flowline and powerline. The



 $\approx 3-1/2$ " OD welded steel or coiled steel tubing injection line will operate at ≈ 1500 to ≈ 3500 psi, be tested to ≈ 5800 psi, has a burst rating of ≈ 7200 psi, and will be buried ≥ 30 " deep. Fill will be removed from all drainages. Drainages will be returned to a natural form.

An uncoated surface flowline of the same type will run southwest $\approx 2,210$ ' (all within the unit) along the proposed injection line to Mobil's proposed 21-86 pad. Surface disturbance will be limited to that necessary for pipeline construction.

A raptor proof three phase powerline will be built $\approx 1,350$ ' southwest (all within the unit) along the proposed flowline to an existing Mobil powerline.

Above ground structures and equipment (only a pumpjack is planned) will be painted with non-glare sand (federal standard 595a-30277) or Mobil beige 12-F-38 color.

5. WATER SUPPLY

Water will be trucked from off the reservation. Mobil has permission from the land/well owner and State Engineer.

6. CONSTRUCTION MATERIALS & METHODS

The top 6" of soil will be stockpiled north of the pit and pad. A minimum 12 mil plastic liner will be installed in the reserve pit.

7. WASTE DISPOSAL

The reserve pit will be fenced sheep tight on 3 sides with woven wire



fence topped with barbed wire. The 4th side will be fenced once the rig moves off. The fence will be kept in good repair while the pit dries. Once dry, contents of the reserve pit will be buried in place. An overhead net will be installed after drilling and completion are finished.

All trash will be placed in a portable trash cage. It will be hauled to an approved landfill. Human waste will be disposed of in 10' deep ratholes under trailers or in chemical toilets. Ratholes will be filled when the trailers are removed.

8. ANCILLARY FACILITIES

There will be no air strips or camps. Camper trailers will be on location for the company man, tool pusher, and mud loggers.

9. WELL SITE LAYOUT

See attached pages for depictions of the well pad, cross sections, cut and fill diagrams, reserve pit, trash cage, access road onto the location, parking, living facilities, soil stockpile, and rig orientation.

10. <u>RECLAMATION</u>

Reclamation starts once the reserve pit is dry. It usually takes a year for a reserve pit to fully evaporate. All disturbed areas will be recontoured to a natural shape to blend with the surrounding topography. Stockpiled topsoil will be evenly spread. Compacted areas will be plowed or ripped to a depth of 12"-16" before seeding. Seeding will be done between July 1 - August 31 or October 15 - November 30. No seeding will be done when the ground is muddy or frozen. Seed will be



drilled 0.5" to 0.75" deep. If broadcast, the rate will be 150% of that shown below and the seed covered with a drag. If the well is a producer, then the injection pipeline, reserve pit, and any other areas not needed for workovers will be reclaimed in the same manner.

SPECIES	lbs/acre l	PLS
Indian ricegrass (Oryzopsis hymenoides)	3	
Giant dropseed (Sporobolus giganteus)	2	:
Needle & thread (Stipa comata)	2	
Yellow sweetclover (Melilotus alba)	_ 1	
Four wing saltbush (Atriplex canescens)	2	

The injection pipeline will be blocked, water barred, and reclaimed in the same manner as the wellsite. Berms will be built at the top of all slopes. Water bars will be spaced as follows:

<u>% Slope</u>	<u>Spacing</u>
1% - 5%	200 feet
6% - 15%	100 feet
>15%	50 feet

11. SURFACE OWNER

The well, road, powerline, and pipelines are all on Navajo Tribal Trust land in the Red Mesa Chapter. Any changes in the surface use plan must be approved by the BIA Indian Minerals Service Office, 1400 LaPlata Highway, Farmington, NM 87499. Call (505) 599-8100.

12. OTHER INFORMATION

The nearest hospital is a ≈ 75 minute drive away in northwest Monticello. It is 3 blocks northwest of the intersection of US 666 and



US 191. Hospital phone number is (801) 587-2116. Or dial 1-800-332-1911 from anywhere in San Juan County, Ut. The closest medical helicopter is in Farmington NM. Farmington hospital phone number is (505) 325-5011.

13. REPRESENTATION

Anyone having questions concerning the APD should contact:

Shirley Robertson, Technician Mobil Exploration & Producing U. S. Inc. P.O. Box 633 Midland, Tx. 79702 (915) 688-2585

Brian Wood, Consultant Permits West, Inc. 37 Verano Loop Santa Fe, NM 87505 (505) 466-8120

The field representative will be:
Ed Barber, Production Foreman
Mobil Exploration & Producing U. S. Inc.
P.O. Drawer G
Cortez, Co. 81321
(303) 565-9049

Mobil Exploration & Producing U. S. Inc. has the necessary consents from the proper lease owners to conduct lease operations in conjunction with this well. Bond coverage pursuant to 43 CFR 3104 for lease activities and operations is being provided by Mobil Exploration & Producing U. S. Inc.

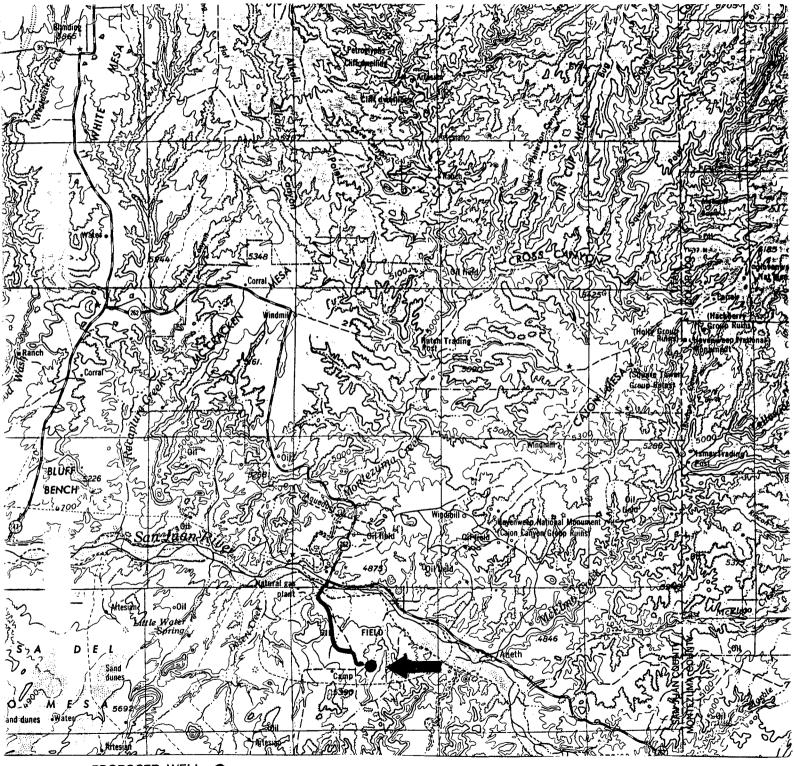
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed



by Mobil Exploration & Producing U. S. Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Shirley Robertson, Technician Environmental & Regulatory Dept. Mobil Exploration & Producing U. S. Inc.

<u>\0-20-95</u> Date



PROPOSED WELL: •

ACCESS ROUTE: ~

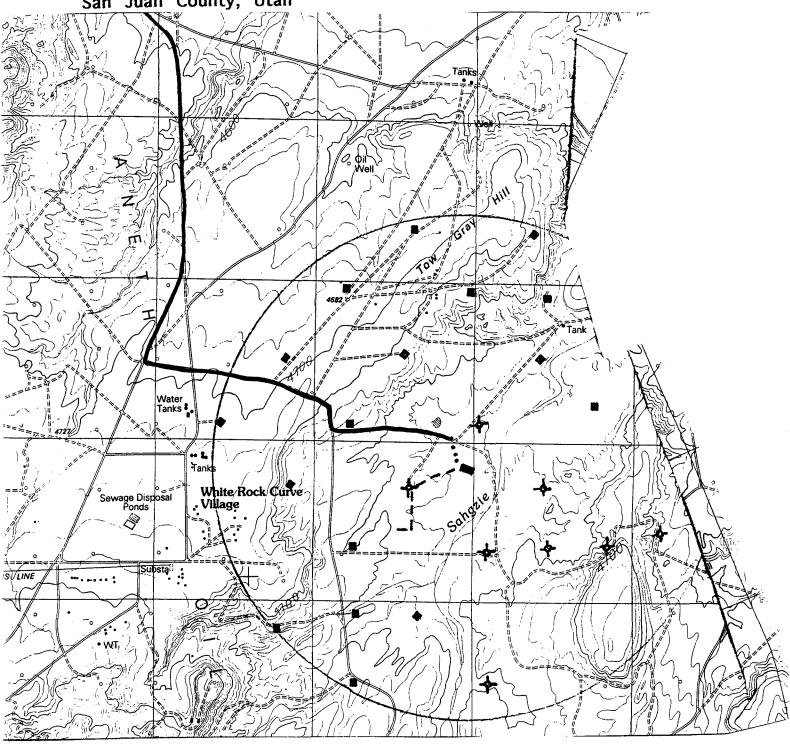


Mobil Exploration & Production U. S. Inc. Ratherford Unit 22-11

250' FNL & 200' FWL (Surface)

Sec. 22, T. 41 S., R. 24 E.

San Juan County, Utah



PROPOSED ROAD: 🐍

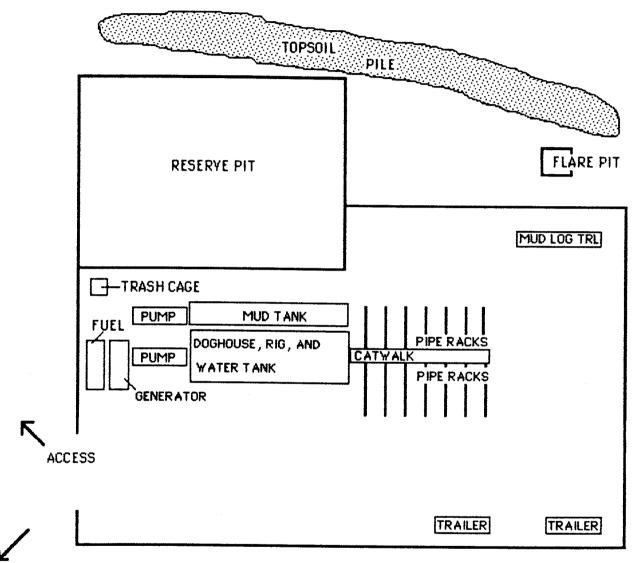
EXISTING WELL:

PROPOSED WELL: 4

EXISTING ROAD: 🗻

PROPOSED PIPELINE OR POWERLINE: ---

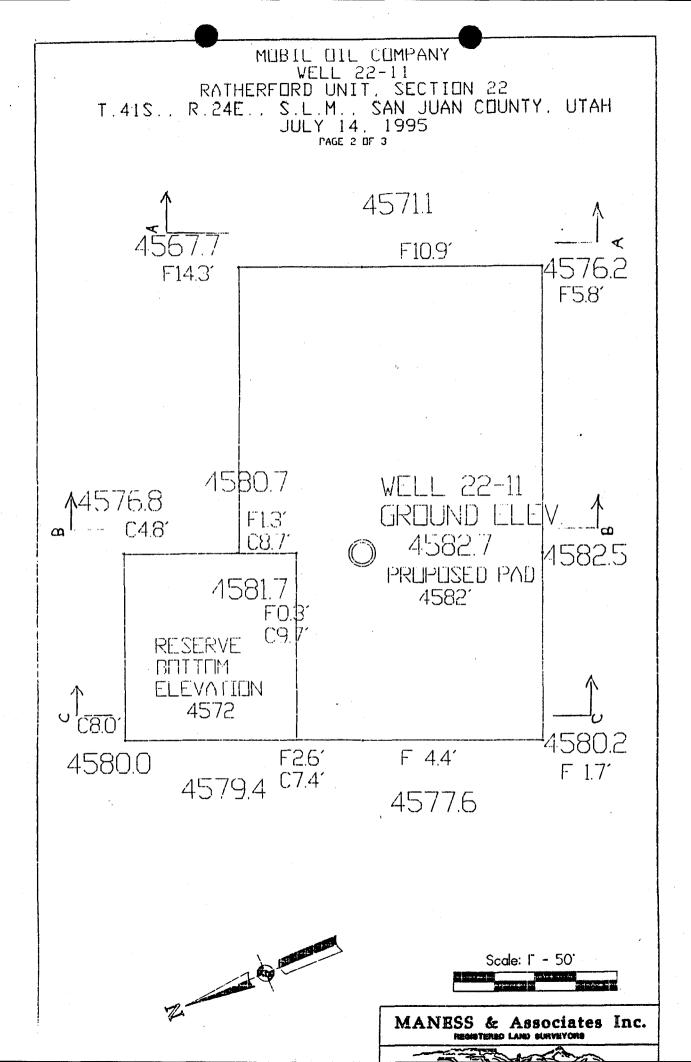




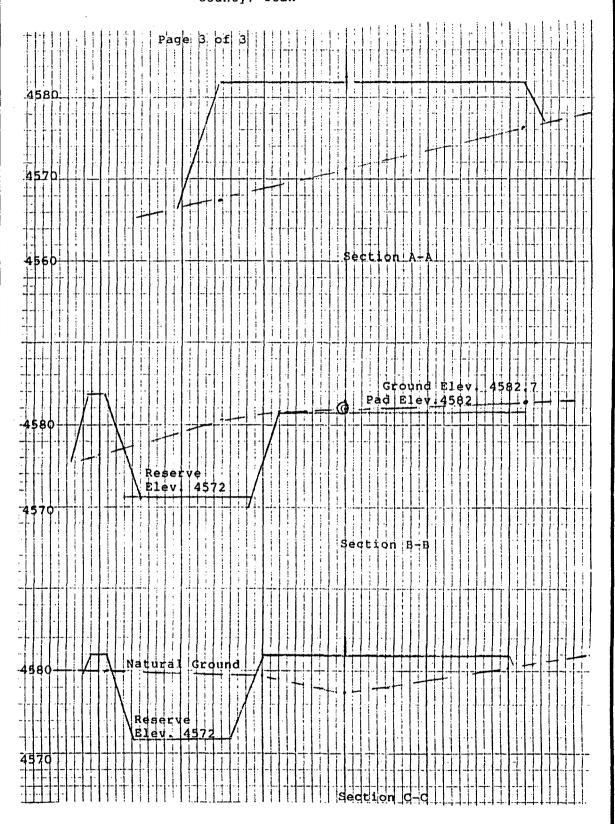
PROPOSED 2,210' LONG SURFACE FLOWLINE; 2,180' LONG BURIED INJECTION LINE; AND 1,350' LONG OYERHEAD POWERLINE.
ALL IN SAME CORRIDOR.







Mobil Oil Company - Well 22-11 Ratherford Unit July 28, 1995 NW4NW4 Section 22, T.41S., R.24E., SLM, San Juan County, Utah



Horiz. Scale - 1"=50' Vertical Scale - 1"=10"

MANESS & Associates Inc.
REGISTERED LAND SURVEYORS

198 NORTH MILDRED - P.O. BOX 1163 - CORTEZ CO. 81381 - PHONE: 383/585-8845

Mobil Oil Corporation Ratherford Unit #22-11 250 FNL and 200' FWL Section 22, T-41-S, R-24-E San Juan County, Utah

Eight Point Drilling Program

ESTIMATED FORMATION TOPS*

Formation Name	Depth from GL	Depth from KB	Subsea Depth
Chinle	1409'	1422'	3174'
DeChelly SS	2565'	2578'	2018'
Hermosa LS	4505'	4518'	78'
Ismay LS	5355'	5368'	- 772'
L. Ismay LS	5480'	5493'	-897'
Gothic Shale	5495'	5508'	-912'
Desert Creek I	5525'	5538'	-942'
Total Depth (TD)	5545'(9056' MD)	5558'	-962'

^{*} All true vertical depths (TVD) based on ground level of 4583'.

2. NOTABLE ZONES

The estimated formation top depths from GL at which water, oil, gas, or other mineral bearing zones may be encountered are:

Possible Water Zone	Possible Coal Zone	Possible Oil or Gas Zones
DeChelly SS 2565'		Desert Creek I 5525' (TVD)

Propose to drill, complete, and equip an oil producer in the Desert Creek formation.

The well will be cased throughout its length and cemented to the surface, if possible.

3. PRESSURE CONTROL (See "5" on Page 3)

Examples of a typical BOP and choke manifold are on Page 4. Maximum anticipated surface pressure will be 2,000 psi.

Once out from under the surface casing, a minimum 11" 3,000 psi system will be used with two hydraulic rams (blind/pipe). The choke manifold will have a minimum 3,000 psi rating.

BOP's will be tested to their working pressure after nippling up and after any use under pressure. Pipe rams will be function tested daily. Blind rams will be function tested after each trip out of the hole. BOP tests will be recorded on IADC reports.

Upper and lower kelly valves, floor safety valve, and drill string inside BOP rated at a minimum 3,000 psi will be maintained on the floor at all times. Upper and lower kelly valves with handler available will be in use at all times. Back pressure and full opening drill string safety valves to fit all drill strings in use will be available on the rig floor at all times.

October 19, 1995

Mobil Oil Corporation Ratherford Unit #22-11 250 FNL and 200' FWL Section 22, T-41-S, R-24-E San Juan County, Utah

4. CASING & CEMENTING

<u>Hole Size</u>	O.D.	Weight	<u>Grade</u>	Conn.	Age	Setting Depth (GL)
17-1/2"	13-3/8"	48#	H40	ST&C	New	0000' - 0080'
12-1/4"	9-5/8"	36#	J55	ST&C	New	0000' - 1600'
8-3/4"	7"	23#	K55	LT&C	New	0000' - 5100'
8-3/4"	7"	23#	L80	LT&C	New	5100' - ±5750'

Surface Casing (0' to 80'): Cement to surface with 110sx (131 ft³). Volume calculated with 100% excess. Class "B" + 2% CaCl₂ + 0.25 pps Flocele (Density = 15.61 ppg, Yield = 1.19 ft³/sx).

Intermediate Casing (0' to 1600'): Cement to surface with 690 sx (1027 ft³). Volume calculated with 100% excess. Lead with 410 sx (694 ft³) of 65:35 Class "B":Poz + 6% gel + 2% CaCl₂ + 0.25 #/sk Flocele (Density = 12.8 ppg, Yield= 1.73 ft³/sx). Tall with 280 sx (333 ft³) Class "B" + 2% CaCl₂ (Density = 15.61 ppg, Yield = 1.19 ft³/sx). Total of 11 centralizers and one stop collar. One on the shoe joint and one every fourth collar to 200' from surface. Actual cement volumes to be based on the OH caliper plus 30% excess.

<u>Production Casing (0' to 5800')</u>: Cement to surface with 1201 ft³ in two stages using stage tool. Volume calculated with 100% excess.

Stage 1: Lead with 230 sx (419 ft 3) of class G + 6% gel + 0.25 pps Flocele + 5 #/sx gilsonite (Density = 12.54 ppg, Yield= 1.82 ft 3 /sx). Tall with 150 sx (173 ft 3) of class G + 0.4% Halad-344 + 0.3% VERSASET (Density = 15.79ppg, Yield= 1.15 ft 3 /sx). Actual cement volumes to be based on the OH caliper plus 30% excess.

Stage 2: Lead with 270 sx (491 ft³) of class G + 6% gel + 0.25 pps Flocele + 5 #/sx gilsonite (Density = 12.54 ppg, Yield= 1.82 ft³/sx). Tall with 100 sx (118 ft³) of class G + 2% CaCl₂ (Density = 15.61 ppg, Yield = 1.19 ft³/sx)

Total of 38 centralizers and 1 stop collar. One centralizer on the float shoe then every fourth collar.

5. MUD PROGRAM

<u>Depth</u>	Type	Weight	Viscosity	Fluid Loss
0000' - 1600'	FW/Spud Mud	8.8-9.2	45-50	NC
1600' - 5748'	brine	9.6-10.0	36 - 48	NC
5748 - TD	FW/XCD	8.7-8.9	30-32	10 - 15

Mobil Oil Corporation Ratherford Unit #22-11 250 FNL and 200' FWL Section 22, T-41-S, R-24-E San Juan County, Utah

6. CORING, TESTING, AND LOGGING

No cores are currently planned. Neutron, Dual Induction, and Sonic logs may be run. A few RFT tests may also be run.

DOWNHOLE CONDITIONS

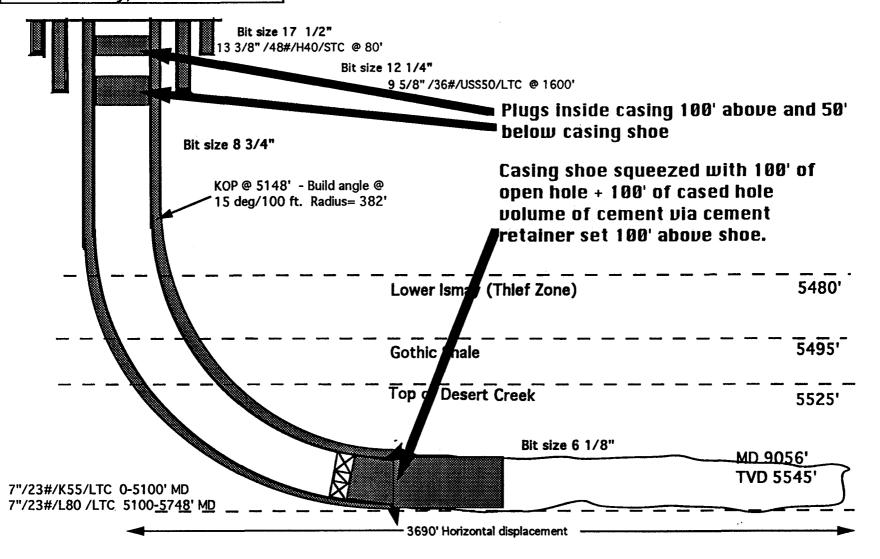
Possible water flows in the DeChelly formation may be encountered.

8. MISCELLANEOUS

It is expected to take +/- 30 days to drill the well and 10 days to complete the well.

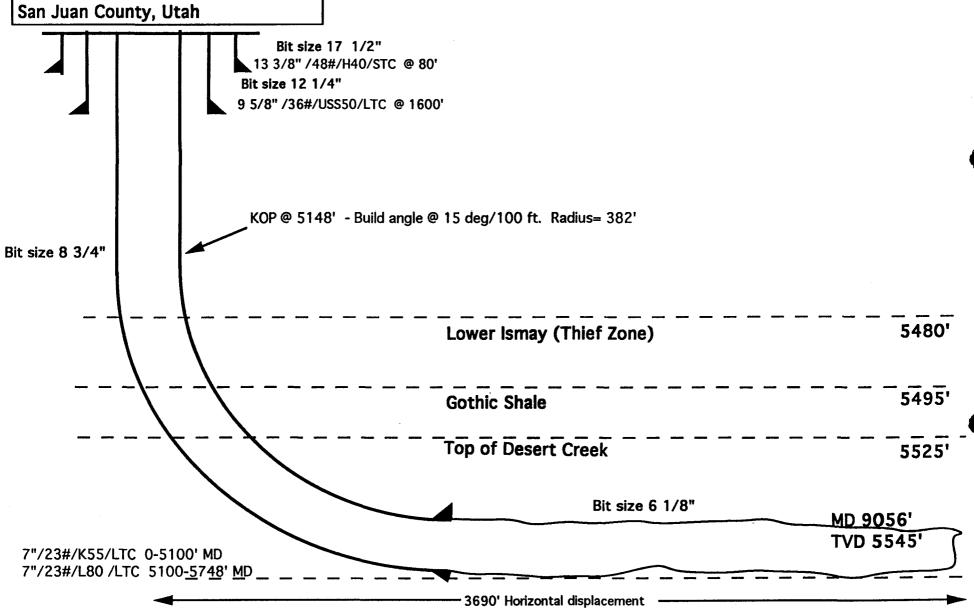
Surface Location: Section 22 TWP 41S RGE 24E 250' FNL & 200' FWL San Juan County, Utah

RATHERFORD UNIT #22-11 PROPOSED P&A DIAGRAM



Surface Location:
Section 22 TWP 41S RGE 24E
250' FNL & 200' FWL
San Juan County, Utah

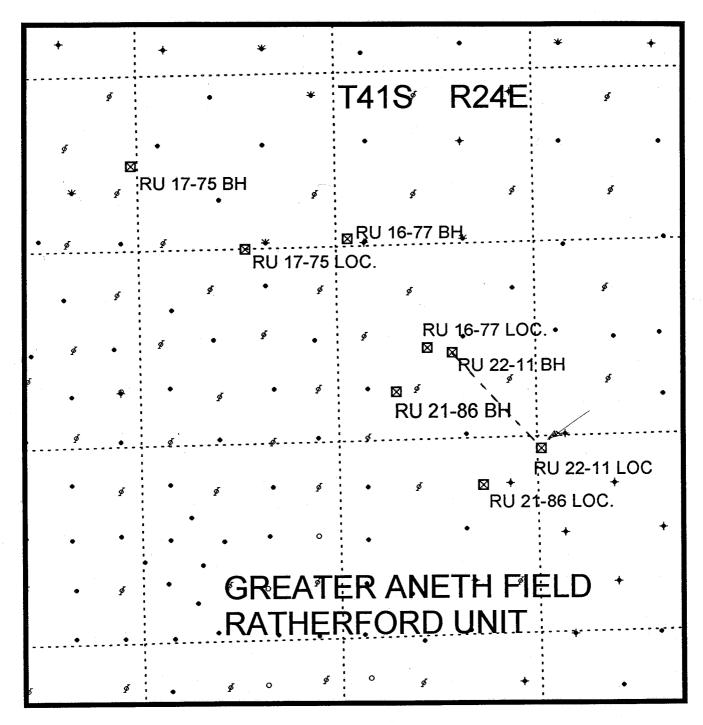
RATHERFORD UNIT #22-11 PROPOSED WELL DIAGRAM



WORKSHEET APPLICATION FOR PERMIT TO DRILL

API NO. ASSIGNED: 43-037-31771 APD RECEIVED: 10/23/95 WELL NAME: RATHERFORD 21-11 MOBIL EXPL & PROD US (N7370) OPERATOR: INSPECT LOCATION BY: PROPOSED LOCATION: NWNW 22 - T41S - R24E TECH REVIEW Initials Date SURFACE: 0250-FNL-0200-FWL BOTTOM: 2320-FSL-2260-FEL Engineering SAN JUAN COUNTY GREATER ANETH FIELD (365) Geology LEASE TYPE: IND LEASE NUMBER: 14-20-603-355 Surface PROPOSED PRODUCING FORMATION: DSCR LOCATION AND SITING: RECEIVED AND/OR REVIEWED: R649-2-3. Unit: Ratherford Plat Bond: Federal[] State[] Fee[] ___ R649-3-2. General. (Number Potash (Y/N)R649-3-3. Exception. Oil shale (Y/N) Water permit Drilling Unit. (Number Board Cause no: RDCC Review (Y/N) Date: (Date: COMMENTS: Horizontal well. STIPULATIONS: Directional well stip.

MOBIL EXPL & PROD GREATER ANETH HORIZONTAL INFILL RATHERFORD UNIT SAN JUAN COUNTY, UNIT SPACING



UNIT SPACING

UNIT No.: UTU68931A

UAC R649-2-3

PREPARED: DATE:10/27/95 Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

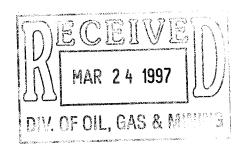
FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-603-355

6. If Indian, Allottee or Tribe Name

Do not use this form for proposals to drill of	o. It metall, Alloude of Tibe Ivanie	
• •	PERMIT - " for such proposals	NAVAJO TRIBAL
SUBMIT	IN TRIPLICATE	7. If Unit or CA, Agreement Designation RATHERFORD UNIT
3. Address and Telephone No.	Producing U.S. Inc. Producing TX & NM Inc. 702 915-688-2585	8. Well Name and No. RATHERFORD 22-11 9. API Well No. 43-037- 10. Field and Pool, or exploratory Area GREATER ANETH 11. County or Parish, State SAN JUAN UT
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent X Subsequent Report Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing X Other SIDETRACK	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
13. Describe Proposed or Completed Operations (Clearly state algive subsurface locations and measured and true ver BHL: 2320' FSL & 2260' FEL, SEC. MOBIL REQUEST AN EXTENSION ON TH		ing any proposed work. If well is directionally drill



14. I hereby certify that the foregoing is true and correct Signed Shuley Hourking	Accepted Ny & HEG. TECHNICIAN	Date 03-18-97
(This space for Federal or State office use)	Usan Edition of	
Approved by	OH, Garend Mining	Date
	FOR RECORD ONLY	
Title 18 U.S.C. Section 1001, makes it a crime for any or representations as to any matter within its jurisdiction.	person knowingly and willfully to make to any department or agency of the United	d States any false, fictitious or fraudulent statement
	*O	

Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-603-355

Do not use this form for proposals to drill	or to deepen or reentry to a different reservoir.	6. If Indian, Allottee or Tribe Name
Use "APPLICATION FOR	PERMIT - " for such proposals	NAVAJO TRIBAL
	IN TRIPLICATE	7. If Unit or CA, Agreement Designation RATHERFORD UNIT
1. Type of Well X Oil Gas Other SIDETRACK 2. Name of Operator Mobil Exploration & as Agent for Mobil F		8. Well Name and No. RATHERFORD 22-11 9. API Well No.
3. Address and Telephone No.		43-037-
4. Location of Well (Footage, Sec., T., R., M., or Survey De		10. Field and Pool, or exploratory Area GREATER ANETH
250' FNL & 200' FWL SEC.22, T41S, R24E		11. County or Parish, State
CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT	SAN JUAN UT
TYPE OF SUBMISSION Notice of Intent	TYPE OF ACTION	
Notice of Intent	Abandonment Recompletion	Change of Plans New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	X OtherSIDETRACK	Dispose Water (Note: Report results of multiple completion on Well
MOBIL REQUEST AN EXTENSION ON TH	HE PERMIT TO DRILL THIS WELL.	
	22	EIVE 2 2 4 1997 U L, GAS & Marines
14. I hereby certify that the foregoing is true and correct Signed Shuley Hourkus (This space for Federal or State office use) Approved by Conditions of approval, if any:	Title ENV. & REG. TECHNICIAN	Date
Title 18 U.S.C. Section 1001, makes it a crime for any perso or representations as to any matter within its jurisdiction.	n knowingly and willfully to make to any department or agency of the Unit	ted States any false, fictitious or fraudulent statements

Michael O. Leavitt Governor Ted Stewart Executive Director

1594 West North Temple, Suite 1210 Box 145801 Salt Lake City, Utah 84114-5801 801-538-5340 801-359-3940 (Fax) James W. Carter Division Director 801-359-3940 (Fax) 801-538-7223 (TDD)

April 1, 1997

Mobil Exploration & Producing P.O. Box 633 Midland, Texas 79702

Ratherford 22-11 Well, 250' FNL, 200' FWL, NW NW, Sec. 22, T. 41 S., R. 24 E., San Juan County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. API identification number assigned to this well is 43-037-31771.

Sincerely,

Lowell P. Brakton

Deputy Director

1wp

Enclosures

San Juan County Assessor

Bureau of Land Management, Moab District Office

Operator:	Mobil Exploration & Producing		
Well Name & Number: _	Ratherford 22-11		
API Number:	43-037-31771		
Lease:	14-20-603-355		
Location: NW NW	Sec. 22 T. 41 S. R. 24 E.		

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements
Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact John R. Baza (801)538-5334 or Mike Hebertson at (801) 538-5333.

- 3. Reporting Requirements
 All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.
- 4. In accordance with Utah Admin. R. 649-3-11, Directional Drilling, submittal of a complete angular deviation and directional survey report is required.

Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-603-355

Do not use this form for proposals to drill	or to deepen or reentry to a different reservoir.	6. If fictiall, Allottee of Title Name
Use "APPLICATION FOR	NAVAJO TRIBAL	
SUBMIT	7. If Unit or CA, Agreement Designation RATHERFORD UNIT	
1. Type of Well X Oil Gas Other SIDETRACK 2. Name of Operator Mobil Exploration &	8. Weil Name and No. RATHERFORD 22-11 9. API Well No.	
as Agent for Mobil Producing TX & NM Inc. 3. Address and Telephone No.		43-037- 31771
P.O. Box 633, Midland, TX 79	10. Field and Pool, or exploratory Area	
4. Location of Well (Footage, Sec., T., R., M., or Survey De 250' FNL & 200' FWL	GREATER ANETH 11. County or Parish, State	
SEC.22, T41S, R24E	11. County of Parish, State	
447		SAN JUAN UT
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent	Abandonment	Change of Plans
V a	Recompletion	New Construction
X Subsequent Report	Plugging Back	Non-Routine Fracturing
Final Abandonment Notice	Casing Repair Altering Casing	Water Shut-Off Conversion to Injection
	Other SIDETRACK	Dispose Water
	politika nazvina na njelo politika njenje politika nazvina nazvina nazvina nazvina nazvina na	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
3. Describe Proposed or Completed Operations (Clearly state a give subsurface locations and measured and true ver BHL: 2320' FSL & 2260' FEL, SEC. MOBIL REQUEST AN EXTENSION ON The state of the proposed of the proposed or Completed Operations (Clearly state a give state and the proposed or Completed Operations (Clearly state a give state a give substitution of the proposed or Completed Operations (Clearly state a give state a give substitution of the proposed or Completed Operations (Clearly state a give substitution of the proposed or Completed Operations (Clearly state a give substitution of the proposed or Completed Operations (Clearly state a give substitution of the proposed or Completed Operations (Clearly state a give subsurface locations and measured and true verifications are considered to the proposed of		ing any proposed work. If well is directionally drill
Dobnoved App Alproved App Alpro	DIV. OF OIL, GAS & MI	1 1 1 1 1 1 1 1 1 1
14. I hereby certify that the foregoing is true and correct Signed Shuley Hourkus	Title ENV. & REG. TECHNICIAN	Date 03-18-97
(This space for federal or State office use) Approved by Conditions of approval, if any:	Tille TeanLeas-PMT	Date 3/24/47

Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-603-355

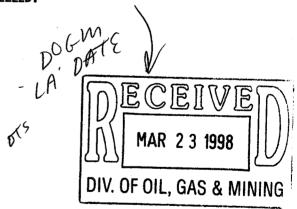
SUNDRY NOTICES AND REPORTS ON WELLS

6. If Indian, Allottee or Tribe Name Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT - " for such proposals NAVAJO TRIBAL 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE RATHERFORD UNIT 1. Type of Well 8. Well Name and No. RATHERFORD 22-11 2. Name of Operator MOBIL PRODUCING TX & NM INC.* *MOBIL EXPLORATION & PRODUCING US INC. AS AGENT FOR MPTM 9. API Well No. 3. Address and Telephone No. 43-037-31771 P.O. Box 633, Midland TX 79702 (915) 688-2585 10. Field and Pool, or exploratory Area 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) GREATER ANETH 250' FNL & 200' FEL SEC. 22. T41S, R24E 11. County or Parish, State SAN JUAN UT CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 12. TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Abandonment Change of Plans Recompletion **New Construction** Subsequent Report Plugging Back Non-Routine Fracturing Casing Repair Water Shut-Off Final Abandonment Notice Altering Casing Conversion to Injection Other Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

BHL: 2320' FSL & 2260' FEL

MOBIL REQUESTS THAT THE PERMIT TO DRILL THIS WELL BE CANCELLED.



14. I hereby certify that the foregoing is true and correct Signed	for Title	SHIRLEY HOUCHINS/ENV & REG TECH	Date 03-18-98
(This space for Federal or State office use) Approved by	Title		
Conditions of approval, if any:	Ilde		Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction